

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

TINKU ACHARYA

Application No.: 09/823,390

Filed: March 30, 2001

For: **TWO-DIMENSIONAL PYRAMID FILTER  
ARCHITECTURE**

Assistant Commissioner for Patents  
Attention: **Box Missing Parts**  
Washington, D.C. 20231

**RESPONSE TO NOTICE TO FILE MISSING PARTS OF APPLICATION**

Sir:

In response to the Notice to File Missing Parts of Application mailed May 18, 2001, please find enclosed:

(1) a duly executed Declaration and Power of Attorney with respect to the above-referenced patent application;

(2) a check in the amount of \$130.00 in payment of the surcharge of 37 CFR § 1.16(e);

(3) a copy of the Notice to File Missing Parts of Application;

(5) substitute drawings and specification in compliance with 37 CFR 1.84 (if required).

If any additional fee is required, please charge Deposit Account No. 02-2666. An extra copy of the Fee Transmittal is enclosed for deposit account charging purposes.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Dated: June 7, 2001

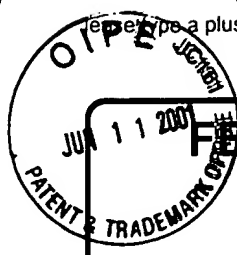
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Gregory D. Caldwell, Reg. No. 39,926

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage in an envelope addressed to: Assistant Commissioner for Patents, Attention: Box Missing Parts, Washington, D.C. 20231 on: June 7, 2001.

Angie C. Farr

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|  |  |                          |                        |             |
|--|--|--------------------------|------------------------|-------------|
| <b>FREE TRANSMITTAL</b><br>for FY 2000<br><small>Patent fees are subject to annual revision.</small> |  | <b>Complete if Known</b> |                        |             |
|  |  | Application No.          | 09/823,390             |             |
|  |  | Filing Date              | March 30, 2001         |             |
|  |  | First Named Inventor     | Tinku Acharya          |             |
|  |  | Examiner Name            |                        |             |
|  |  | Group/Art Unit           |                        |             |
| TOTAL AMOUNT OF PAYMENT (\$)   |  | 130.00                   | Attorney Docket Number | 42390P11277 |

| METHOD OF PAYMENT (check one)   | FEE CALCULATION (continued)  |              |              |  |                 |                 |          |          |          |          |          |     |     |     |                    |                                     |        |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |              |     |        |     |        |   |              |     |              |     |                 |   |          |          |          |          |     |  |     |     |                        |     |     |   |     |     |                                   |     |     |  |     |     |                                       |     |     |   |     |     |   |     |     |                  |     |     |   |     |              |  |  |     |     |     |   |                          |  |              |       |                 |          |   |          |          |          |     |     |                                  |     |                    |       |     |     |                                    |     |                   |       |     |     |                                |     |                  |     |     |     |                  |     |                    |     |     |     |                 |    |                        |     |              |     |                               |  |     |     |              |     |   |  |                 |          |          |          |   |          |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |                           |  |  |  |  |  |                                    |  |  |  |              |        |
|---|--|--------------|--------------|--|-----------------|-----------------|----------|----------|----------|----------|----------|-----|-----|-----|--------------------|-------------------------------------|--------|-----|-----|-----|-------------------|---|-----|-----|-----|-----|------------------|---------------------------|-----|-----|-------|-----|--------------------|--|-----|-----|------|-----|------------------------|--|--------------|-----|--------|-----|--------|---|--------------|-----|--------------|-----|-----------------|---|----------|----------|----------|----------|-----|--|-----|-----|------------------------|-----|-----|---|-----|-----|-----------------------------------|-----|-----|--|-----|-----|---------------------------------------|-----|-----|---|-----|-----|---|-----|-----|------------------|-----|-----|---|-----|--------------|--|--|-----|-----|-----|---|--------------------------|--|--------------|-------|-----------------|----------|---|----------|----------|----------|-----|-----|----------------------------------|-----|--------------------|-------|-----|-----|------------------------------------|-----|-------------------|-------|-----|-----|--------------------------------|-----|------------------|-----|-----|-----|------------------|-----|--------------------|-----|-----|-----|-----------------|----|------------------------|-----|--------------|-----|-------------------------------|--|-----|-----|--------------|-----|---|--|-----------------|----------|----------|----------|---|----------|-----|----|-----|----|--|--|-----|-----|-----|-----|---|--|-----|-----|-----|-----|--|--|-----|-----|-----|-----|---|--|-----|-----|-----|-----|---|--|---------------------------|--|--|--|--|--|---------------------------|--|--|--|--|--|------------------------------------|--|--|--|--------------|--------|
| <p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to credit any overpayments to:</p> <p>Deposit Account Number: <span style="border: 1px solid black; padding: 2px;">02-2666</span></p> <p>Deposit Account Name: <span style="border: 1px solid black; padding: 2px;">Blakely, Sokoloff, Taylor &amp; Zafman LLP</span></p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee(s) Required Under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20.</p> <p><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.</p> <p>2. <input checked="" type="checkbox"/> Payment Enclosed:</p> <p><input checked="" type="checkbox"/> Check    <input type="checkbox"/> Credit card    <input type="checkbox"/> Money Order    <input type="checkbox"/> Other</p>   | <p>3. ADDITIONAL FEE</p> <table border="1" style="width: 100%; border-collapse: collapse;"><thead><tr><th colspan="2">Large Entity</th><th colspan="2">Small Entity</th><th rowspan="2">Fee Description</th><th rowspan="2">Fee Paid</th></tr><tr><th>Fee Code</th><th>Fee (\$)</th><th>Fee Code</th><th>Fee (\$)</th></tr></thead><tbody><tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge - late filing fee or oath</td><td>130.00</td></tr><tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet.</td><td></td></tr><tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td><td></td></tr><tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>For filing a request for reexamination</td><td></td></tr><tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr><tr><td>113</td><td>1,840*</td><td>113</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr><tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for response within first month</td><td></td></tr><tr><td>116</td><td>390</td><td>216</td><td>195</td><td>Extension for response within second month</td><td></td></tr><tr><td>117</td><td>890</td><td>217</td><td>445</td><td>Extension for response within third month</td><td></td></tr><tr><td>118</td><td>1,390</td><td>218</td><td>695</td><td>Extension for response within fourth month</td><td></td></tr><tr><td>128</td><td>1,890</td><td>228</td><td>945</td><td>Extension for response within fifth month</td><td></td></tr><tr><td>119</td><td>310</td><td>219</td><td>155</td><td>Notice of Appeal</td><td></td></tr><tr><td>120</td><td>310</td><td>220</td><td>155</td><td>Filing a brief in support of an appeal</td><td></td></tr><tr><td>121</td><td>270</td><td>221</td><td>135</td><td>Request for oral hearing</td><td></td></tr><tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr><tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive - unavoidable</td><td></td></tr><tr><td>141</td><td>1,240</td><td>241</td><td>620</td><td>Petition to revive - unintentional</td><td></td></tr><tr><td>142</td><td>1,240</td><td>242</td><td>620</td><td>Utility issue fee (or reissue)</td><td></td></tr><tr><td>143</td><td>440</td><td>243</td><td>220</td><td>Design issue fee</td><td></td></tr><tr><td>144</td><td>600</td><td>244</td><td>300</td><td>Plant issue fee</td><td></td></tr><tr><td>122</td><td>130</td><td>122</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr><tr><td>123</td><td>130</td><td>123</td><td>130</td><td>Petitions related to provisional applications</td><td></td></tr><tr><td>126</td><td>180</td><td>126</td><td>180</td><td>Submission of Information Disclosure Stmt</td><td></td></tr><tr><td>581</td><td>40</td><td>581</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr><tr><td>146</td><td>710</td><td>246</td><td>355</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td></td></tr><tr><td>149</td><td>710</td><td>249</td><td>355</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td></td></tr><tr><td>179</td><td>710</td><td>279</td><td>355</td><td>Request for Continued Examination (RCE)</td><td></td></tr><tr><td>169</td><td>900</td><td>169</td><td>900</td><td>Request for expedited examination of a design application</td><td></td></tr><tr><td colspan="4">Other fee (specify) _____</td><td></td><td></td></tr><tr><td colspan="4">Other fee (specify) _____</td><td></td><td></td></tr><tr><td colspan="4">* Reduced by Basic Filing Fee Paid</td><td>SUBTOTAL (3)</td><td>130.00</td></tr></tbody></table> | Large Entity |              | Small Entity   |                 | Fee Description | Fee Paid | Fee Code | Fee (\$) | Fee Code | Fee (\$) | 105 | 130 | 205 | 65                 | Surcharge - late filing fee or oath | 130.00 | 127 | 50  | 227 | 25                | Surcharge - late provisional filing fee or cover sheet. |     | 139 | 130 | 139 | 130              | Non-English specification |     | 147 | 2,520 | 147 | 2,520              | For filing a request for reexamination |     | 112 | 920* | 112 | 920*                   | Requesting publication of SIR prior to Examiner action |              | 113 | 1,840* | 113 | 1,840* | Requesting publication of SIR after Examiner action |              | 115 | 110          | 215 | 55              | Extension for response within first month |          | 116      | 390      | 216      | 195 | Extension for response within second month |     | 117 | 890                    | 217 | 445 | Extension for response within third month |     | 118 | 1,390                             | 218 | 695 | Extension for response within fourth month |     | 128 | 1,890                                 | 228 | 945 | Extension for response within fifth month |     | 119 | 310   | 219 | 155 | Notice of Appeal |     | 120 | 310   | 220 | 155          | Filing a brief in support of an appeal |  | 121 | 270 | 221 | 135   | Request for oral hearing |  | 138          | 1,510 | 138             | 1,510    | Petition to institute a public use proceeding |          | 140      | 110      | 240 | 55  | Petition to revive - unavoidable |     | 141                | 1,240 | 241 | 620 | Petition to revive - unintentional |     | 142               | 1,240 | 242 | 620 | Utility issue fee (or reissue) |     | 143              | 440 | 243 | 220 | Design issue fee |     | 144                | 600 | 244 | 300 | Plant issue fee |    | 122                    | 130 | 122          | 130 | Petitions to the Commissioner |  | 123 | 130 | 123          | 130 | Petitions related to provisional applications |  | 126             | 180      | 126      | 180      | Submission of Information Disclosure Stmt |          | 581 | 40 | 581 | 40 | Recording each patent assignment per property (times number of properties) |  | 146 | 710 | 246 | 355 | Filing a submission after final rejection (37 CFR 1.129(a)) |  | 149 | 710 | 249 | 355 | For each additional invention to be examined (37 CFR 1.129(b)) |  | 179 | 710 | 279 | 355 | Request for Continued Examination (RCE)           |  | 169 | 900 | 169 | 900 | Request for expedited examination of a design application |  | Other fee (specify) _____ |  |  |  |  |  | Other fee (specify) _____ |  |  |  |  |  | * Reduced by Basic Filing Fee Paid |  |  |  | SUBTOTAL (3) | 130.00 |
| Large Entity  |  | Small Entity |              | Fee Description  | Fee Paid        |                 |          |          |          |          |          |     |     |     |                    |                                     |        |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |              |     |        |     |        |   |              |     |              |     |                 |   |          |          |          |          |     |  |     |     |                        |     |     |   |     |     |                                   |     |     |  |     |     |                                       |     |     |   |     |     |   |     |     |                  |     |     |   |     |              |  |  |     |     |     |   |                          |  |              |       |                 |          |   |          |          |          |     |     |                                  |     |                    |       |     |     |                                    |     |                   |       |     |     |                                |     |                  |     |     |     |                  |     |                    |     |     |     |                 |    |                        |     |              |     |                               |  |     |     |              |     |   |  |                 |          |          |          |   |          |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |                           |  |  |  |  |  |                                    |  |  |  |              |        |
| Fee Code  | Fee (\$)   | Fee Code     | Fee (\$)     |  |                 |                 |          |          |          |          |          |     |     |     |                    |                                     |        |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |              |     |        |     |        |   |              |     |              |     |                 |   |          |          |          |          |     |  |     |     |                        |     |     |   |     |     |                                   |     |     |  |     |     |                                       |     |     |   |     |     |   |     |     |                  |     |     |   |     |              |  |  |     |     |     |   |                          |  |              |       |                 |          |   |          |          |          |     |     |                                  |     |                    |       |     |     |                                    |     |                   |       |     |     |                                |     |                  |     |     |     |                  |     |                    |     |     |     |                 |    |                        |     |              |     |                               |  |     |     |              |     |   |  |                 |          |          |          |   |          |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |                           |  |  |  |  |  |                                    |  |  |  |              |        |
| 105   | 130  | 205          | 65           | Surcharge - late filing fee or oath  | 130.00          |                 |          |          |          |          |          |     |     |     |                    |                                     |        |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |              |     |        |     |        |   |              |     |              |     |                 |   |          |          |          |          |     |  |     |     |                        |     |     |   |     |     |                                   |     |     |  |     |     |                                       |     |     |   |     |     |   |     |     |                  |     |     |   |     |              |  |  |     |     |     |   |                          |  |              |       |                 |          |   |          |          |          |     |     |                                  |     |                    |       |     |     |                                    |     |                   |       |     |     |                                |     |                  |     |     |     |                  |     |                    |     |     |     |                 |    |                        |     |              |     |                               |  |     |     |              |     |   |  |                 |          |          |          |   |          |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |                           |  |  |  |  |  |                                    |  |  |  |              |        |
| 127   | 50   | 227          | 25           | Surcharge - late provisional filing fee or cover sheet.                    |                 |                 |          |          |          |          |          |     |     |     |                    |                                     |        |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |              |     |        |     |        |   |              |     |              |     |                 |   |          |          |          |          |     |  |     |     |                        |     |     |   |     |     |                                   |     |     |  |     |     |                                       |     |     |   |     |     |   |     |     |                  |     |     |   |     |              |  |  |     |     |     |   |                          |  |              |       |                 |          |   |          |          |          |     |     |                                  |     |                    |       |     |     |                                    |     |                   |       |     |     |                                |     |                  |     |     |     |                  |     |                    |     |     |     |                 |    |                        |     |              |     |                               |  |     |     |              |     |   |  |                 |          |          |          |   |          |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |                           |  |  |  |  |  |                                    |  |  |  |              |        |
| 139   | 130  | 139          | 130          | Non-English specification  |                 |                 |          |          |          |          |          |     |     |     |                    |                                     |        |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |              |     |        |     |        |   |              |     |              |     |                 |   |          |          |          |          |     |  |     |     |                        |     |     |   |     |     |                                   |     |     |  |     |     |                                       |     |     |   |     |     |   |     |     |                  |     |     |   |     |              |  |  |     |     |     |   |                          |  |              |       |                 |          |   |          |          |          |     |     |                                  |     |                    |       |     |     |                                    |     |                   |       |     |     |                                |     |                  |     |     |     |                  |     |                    |     |     |     |                 |    |                        |     |              |     |                               |  |     |     |              |     |   |  |                 |          |          |          |   |          |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |                           |  |  |  |  |  |                                    |  |  |  |              |        |
| 147   | 2,520  | 147          | 2,520        | For filing a request for reexamination                                     |                 |                 |          |          |          |          |          |     |     |     |                    |                                     |        |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |              |     |        |     |        |   |              |     |              |     |                 |   |          |          |          |          |     |  |     |     |                        |     |     |   |     |     |                                   |     |     |  |     |     |                                       |     |     |   |     |     |   |     |     |                  |     |     |   |     |              |  |  |     |     |     |   |                          |  |              |       |                 |          |   |          |          |          |     |     |                                  |     |                    |       |     |     |                                    |     |                   |       |     |     |                                |     |                  |     |     |     |                  |     |                    |     |     |     |                 |    |                        |     |              |     |                               |  |     |     |              |     |   |  |                 |          |          |          |   |          |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |                           |  |  |  |  |  |                                    |  |  |  |              |        |
| 112   | 920*   | 112          | 920*         | Requesting publication of SIR prior to Examiner action                     |                 |                 |          |          |          |          |          |     |     |     |                    |                                     |        |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |              |     |        |     |        |   |              |     |              |     |                 |   |          |          |          |          |     |  |     |     |                        |     |     |   |     |     |                                   |     |     |  |     |     |                                       |     |     |   |     |     |   |     |     |                  |     |     |   |     |              |  |  |     |     |     |   |                          |  |              |       |                 |          |   |          |          |          |     |     |                                  |     |                    |       |     |     |                                    |     |                   |       |     |     |                                |     |                  |     |     |     |                  |     |                    |     |     |     |                 |    |                        |     |              |     |                               |  |     |     |              |     |   |  |                 |          |          |          |   |          |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |                           |  |  |  |  |  |                                    |  |  |  |              |        |
| 113   | 1,840*   | 113          | 1,840*       | Requesting publication of SIR after Examiner action                        |                 |                 |          |          |          |          |          |     |     |     |                    |                                     |        |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |              |     |        |     |        |   |              |     |              |     |                 |   |          |          |          |          |     |  |     |     |                        |     |     |   |     |     |                                   |     |     |  |     |     |                                       |     |     |   |     |     |   |     |     |                  |     |     |   |     |              |  |  |     |     |     |   |                          |  |              |       |                 |          |   |          |          |          |     |     |                                  |     |                    |       |     |     |                                    |     |                   |       |     |     |                                |     |                  |     |     |     |                  |     |                    |     |     |     |                 |    |                        |     |              |     |                               |  |     |     |              |     |   |  |                 |          |          |          |   |          |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |                           |  |  |  |  |  |                                    |  |  |  |              |        |
| 115   | 110  | 215          | 55           | Extension for response within first month                                  |                 |                 |          |          |          |          |          |     |     |     |                    |                                     |        |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |              |     |        |     |        |   |              |     |              |     |                 |   |          |          |          |          |     |  |     |     |                        |     |     |   |     |     |                                   |     |     |  |     |     |                                       |     |     |   |     |     |   |     |     |                  |     |     |   |     |              |  |  |     |     |     |   |                          |  |              |       |                 |          |   |          |          |          |     |     |                                  |     |                    |       |     |     |                                    |     |                   |       |     |     |                                |     |                  |     |     |     |                  |     |                    |     |     |     |                 |    |                        |     |              |     |                               |  |     |     |              |     |   |  |                 |          |          |          |   |          |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |                           |  |  |  |  |  |                                    |  |  |  |              |        |
| 116   | 390  | 216          | 195          | Extension for response within second month                                 |                 |                 |          |          |          |          |          |     |     |     |                    |                                     |        |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |              |     |        |     |        |   |              |     |              |     |                 |   |          |          |          |          |     |  |     |     |                        |     |     |   |     |     |                                   |     |     |  |     |     |                                       |     |     |   |     |     |   |     |     |                  |     |     |   |     |              |  |  |     |     |     |   |                          |  |              |       |                 |          |   |          |          |          |     |     |                                  |     |                    |       |     |     |                                    |     |                   |       |     |     |                                |     |                  |     |     |     |                  |     |                    |     |     |     |                 |    |                        |     |              |     |                               |  |     |     |              |     |   |  |                 |          |          |          |   |          |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |                           |  |  |  |  |  |                                    |  |  |  |              |        |
| 117   | 890  | 217          | 445          | Extension for response within third month                                  |                 |                 |          |          |          |          |          |     |     |     |                    |                                     |        |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |              |     |        |     |        |   |              |     |              |     |                 |   |          |          |          |          |     |  |     |     |                        |     |     |   |     |     |                                   |     |     |  |     |     |                                       |     |     |   |     |     |   |     |     |                  |     |     |   |     |              |  |  |     |     |     |   |                          |  |              |       |                 |          |   |          |          |          |     |     |                                  |     |                    |       |     |     |                                    |     |                   |       |     |     |                                |     |                  |     |     |     |                  |     |                    |     |     |     |                 |    |                        |     |              |     |                               |  |     |     |              |     |   |  |                 |          |          |          |   |          |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |                           |  |  |  |  |  |                                    |  |  |  |              |        |
| 118   | 1,390  | 218          | 695          | Extension for response within fourth month                                 |                 |                 |          |          |          |          |          |     |     |     |                    |                                     |        |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |              |     |        |     |        |   |              |     |              |     |                 |   |          |          |          |          |     |  |     |     |                        |     |     |   |     |     |                                   |     |     |  |     |     |                                       |     |     |   |     |     |   |     |     |                  |     |     |   |     |              |  |  |     |     |     |   |                          |  |              |       |                 |          |   |          |          |          |     |     |                                  |     |                    |       |     |     |                                    |     |                   |       |     |     |                                |     |                  |     |     |     |                  |     |                    |     |     |     |                 |    |                        |     |              |     |                               |  |     |     |              |     |   |  |                 |          |          |          |   |          |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |                           |  |  |  |  |  |                                    |  |  |  |              |        |
| 128   | 1,890  | 228          | 945          | Extension for response within fifth month                                  |                 |                 |          |          |          |          |          |     |     |     |                    |                                     |        |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |              |     |        |     |        |   |              |     |              |     |                 |   |          |          |          |          |     |  |     |     |                        |     |     |   |     |     |                                   |     |     |  |     |     |                                       |     |     |   |     |     |   |     |     |                  |     |     |   |     |              |  |  |     |     |     |   |                          |  |              |       |                 |          |   |          |          |          |     |     |                                  |     |                    |       |     |     |                                    |     |                   |       |     |     |                                |     |                  |     |     |     |                  |     |                    |     |     |     |                 |    |                        |     |              |     |                               |  |     |     |              |     |   |  |                 |          |          |          |   |          |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |                           |  |  |  |  |  |                                    |  |  |  |              |        |
| 119   | 310  | 219          | 155          | Notice of Appeal   |                 |                 |          |          |          |          |          |     |     |     |                    |                                     |        |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |              |     |        |     |        |   |              |     |              |     |                 |   |          |          |          |          |     |  |     |     |                        |     |     |   |     |     |                                   |     |     |  |     |     |                                       |     |     |   |     |     |   |     |     |                  |     |     |   |     |              |  |  |     |     |     |   |                          |  |              |       |                 |          |   |          |          |          |     |     |                                  |     |                    |       |     |     |                                    |     |                   |       |     |     |                                |     |                  |     |     |     |                  |     |                    |     |     |     |                 |    |                        |     |              |     |                               |  |     |     |              |     |   |  |                 |          |          |          |   |          |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |                           |  |  |  |  |  |                                    |  |  |  |              |        |
| 120   | 310  | 220          | 155          | Filing a brief in support of an appeal                                     |                 |                 |          |          |          |          |          |     |     |     |                    |                                     |        |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |              |     |        |     |        |   |              |     |              |     |                 |   |          |          |          |          |     |  |     |     |                        |     |     |   |     |     |                                   |     |     |  |     |     |                                       |     |     |   |     |     |   |     |     |                  |     |     |   |     |              |  |  |     |     |     |   |                          |  |              |       |                 |          |   |          |          |          |     |     |                                  |     |                    |       |     |     |                                    |     |                   |       |     |     |                                |     |                  |     |     |     |                  |     |                    |     |     |     |                 |    |                        |     |              |     |                               |  |     |     |              |     |   |  |                 |          |          |          |   |          |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |                           |  |  |  |  |  |                                    |  |  |  |              |        |
| 121   | 270  | 221          | 135          | Request for oral hearing   |                 |                 |          |          |          |          |          |     |     |     |                    |                                     |        |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |              |     |        |     |        |   |              |     |              |     |                 |   |          |          |          |          |     |  |     |     |                        |     |     |   |     |     |                                   |     |     |  |     |     |                                       |     |     |   |     |     |   |     |     |                  |     |     |   |     |              |  |  |     |     |     |   |                          |  |              |       |                 |          |   |          |          |          |     |     |                                  |     |                    |       |     |     |                                    |     |                   |       |     |     |                                |     |                  |     |     |     |                  |     |                    |     |     |     |                 |    |                        |     |              |     |                               |  |     |     |              |     |   |  |                 |          |          |          |   |          |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |                           |  |  |  |  |  |                                    |  |  |  |              |        |
| 138   | 1,510  | 138          | 1,510        | Petition to institute a public use proceeding                              |                 |                 |          |          |          |          |          |     |     |     |                    |                                     |        |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |              |     |        |     |        |   |              |     |              |     |                 |   |          |          |          |          |     |  |     |     |                        |     |     |   |     |     |                                   |     |     |  |     |     |                                       |     |     |   |     |     |   |     |     |                  |     |     |   |     |              |  |  |     |     |     |   |                          |  |              |       |                 |          |   |          |          |          |     |     |                                  |     |                    |       |     |     |                                    |     |                   |       |     |     |                                |     |                  |     |     |     |                  |     |                    |     |     |     |                 |    |                        |     |              |     |                               |  |     |     |              |     |   |  |                 |          |          |          |   |          |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |                           |  |  |  |  |  |                                    |  |  |  |              |        |
| 140   | 110  | 240          | 55           | Petition to revive - unavoidable   |                 |                 |          |          |          |          |          |     |     |     |                    |                                     |        |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |              |     |        |     |        |   |              |     |              |     |                 |   |          |          |          |          |     |  |     |     |                        |     |     |   |     |     |                                   |     |     |  |     |     |                                       |     |     |   |     |     |   |     |     |                  |     |     |   |     |              |  |  |     |     |     |   |                          |  |              |       |                 |          |   |          |          |          |     |     |                                  |     |                    |       |     |     |                                    |     |                   |       |     |     |                                |     |                  |     |     |     |                  |     |                    |     |     |     |                 |    |                        |     |              |     |                               |  |     |     |              |     |   |  |                 |          |          |          |   |          |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |                           |  |  |  |  |  |                                    |  |  |  |              |        |
| 141   | 1,240  | 241          | 620          | Petition to revive - unintentional   |                 |                 |          |          |          |          |          |     |     |     |                    |                                     |        |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |              |     |        |     |        |   |              |     |              |     |                 |   |          |          |          |          |     |  |     |     |                        |     |     |   |     |     |                                   |     |     |  |     |     |                                       |     |     |   |     |     |   |     |     |                  |     |     |   |     |              |  |  |     |     |     |   |                          |  |              |       |                 |          |   |          |          |          |     |     |                                  |     |                    |       |     |     |                                    |     |                   |       |     |     |                                |     |                  |     |     |     |                  |     |                    |     |     |     |                 |    |                        |     |              |     |                               |  |     |     |              |     |   |  |                 |          |          |          |   |          |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |                           |  |  |  |  |  |                                    |  |  |  |              |        |
| 142   | 1,240  | 242          | 620          | Utility issue fee (or reissue)   |                 |                 |          |          |          |          |          |     |     |     |                    |                                     |        |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |              |     |        |     |        |   |              |     |              |     |                 |   |          |          |          |          |     |  |     |     |                        |     |     |   |     |     |                                   |     |     |  |     |     |                                       |     |     |   |     |     |   |     |     |                  |     |     |   |     |              |  |  |     |     |     |   |                          |  |              |       |                 |          |   |          |          |          |     |     |                                  |     |                    |       |     |     |                                    |     |                   |       |     |     |                                |     |                  |     |     |     |                  |     |                    |     |     |     |                 |    |                        |     |              |     |                               |  |     |     |              |     |   |  |                 |          |          |          |   |          |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |                           |  |  |  |  |  |                                    |  |  |  |              |        |
| 143   | 440  | 243          | 220          | Design issue fee   |                 |                 |          |          |          |          |          |     |     |     |                    |                                     |        |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |              |     |        |     |        |   |              |     |              |     |                 |   |          |          |          |          |     |  |     |     |                        |     |     |   |     |     |                                   |     |     |  |     |     |                                       |     |     |   |     |     |   |     |     |                  |     |     |   |     |              |  |  |     |     |     |   |                          |  |              |       |                 |          |   |          |          |          |     |     |                                  |     |                    |       |     |     |                                    |     |                   |       |     |     |                                |     |                  |     |     |     |                  |     |                    |     |     |     |                 |    |                        |     |              |     |                               |  |     |     |              |     |   |  |                 |          |          |          |   |          |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |                           |  |  |  |  |  |                                    |  |  |  |              |        |
| 144   | 600  | 244          | 300          | Plant issue fee  |                 |                 |          |          |          |          |          |     |     |     |                    |                                     |        |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |              |     |        |     |        |   |              |     |              |     |                 |   |          |          |          |          |     |  |     |     |                        |     |     |   |     |     |                                   |     |     |  |     |     |                                       |     |     |   |     |     |   |     |     |                  |     |     |   |     |              |  |  |     |     |     |   |                          |  |              |       |                 |          |   |          |          |          |     |     |                                  |     |                    |       |     |     |                                    |     |                   |       |     |     |                                |     |                  |     |     |     |                  |     |                    |     |     |     |                 |    |                        |     |              |     |                               |  |     |     |              |     |   |  |                 |          |          |          |   |          |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |                           |  |  |  |  |  |                                    |  |  |  |              |        |
| 122   | 130  | 122          | 130          | Petitions to the Commissioner  |                 |                 |          |          |          |          |          |     |     |     |                    |                                     |        |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |              |     |        |     |        |   |              |     |              |     |                 |   |          |          |          |          |     |  |     |     |                        |     |     |   |     |     |                                   |     |     |  |     |     |                                       |     |     |   |     |     |   |     |     |                  |     |     |   |     |              |  |  |     |     |     |   |                          |  |              |       |                 |          |   |          |          |          |     |     |                                  |     |                    |       |     |     |                                    |     |                   |       |     |     |                                |     |                  |     |     |     |                  |     |                    |     |     |     |                 |    |                        |     |              |     |                               |  |     |     |              |     |   |  |                 |          |          |          |   |          |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |                           |  |  |  |  |  |                                    |  |  |  |              |        |
| 123   | 130  | 123          | 130          | Petitions related to provisional applications                              |                 |                 |          |          |          |          |          |     |     |     |                    |                                     |        |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |              |     |        |     |        |   |              |     |              |     |                 |   |          |          |          |          |     |  |     |     |                        |     |     |   |     |     |                                   |     |     |  |     |     |                                       |     |     |   |     |     |   |     |     |                  |     |     |   |     |              |  |  |     |     |     |   |                          |  |              |       |                 |          |   |          |          |          |     |     |                                  |     |                    |       |     |     |                                    |     |                   |       |     |     |                                |     |                  |     |     |     |                  |     |                    |     |     |     |                 |    |                        |     |              |     |                               |  |     |     |              |     |   |  |                 |          |          |          |   |          |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |                           |  |  |  |  |  |                                    |  |  |  |              |        |
| 126   | 180  | 126          | 180          | Submission of Information Disclosure Stmt                                  |                 |                 |          |          |          |          |          |     |     |     |                    |                                     |        |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |              |     |        |     |        |   |              |     |              |     |                 |   |          |          |          |          |     |  |     |     |                        |     |     |   |     |     |                                   |     |     |  |     |     |                                       |     |     |   |     |     |   |     |     |                  |     |     |   |     |              |  |  |     |     |     |   |                          |  |              |       |                 |          |   |          |          |          |     |     |                                  |     |                    |       |     |     |                                    |     |                   |       |     |     |                                |     |                  |     |     |     |                  |     |                    |     |     |     |                 |    |                        |     |              |     |                               |  |     |     |              |     |   |  |                 |          |          |          |   |          |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |                           |  |  |  |  |  |                                    |  |  |  |              |        |
| 581   | 40   | 581          | 40           | Recording each patent assignment per property (times number of properties) |                 |                 |          |          |          |          |          |     |     |     |                    |                                     |        |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |              |     |        |     |        |   |              |     |              |     |                 |   |          |          |          |          |     |  |     |     |                        |     |     |   |     |     |                                   |     |     |  |     |     |                                       |     |     |   |     |     |   |     |     |                  |     |     |   |     |              |  |  |     |     |     |   |                          |  |              |       |                 |          |   |          |          |          |     |     |                                  |     |                    |       |     |     |                                    |     |                   |       |     |     |                                |     |                  |     |     |     |                  |     |                    |     |     |     |                 |    |                        |     |              |     |                               |  |     |     |              |     |   |  |                 |          |          |          |   |          |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |                           |  |  |  |  |  |                                    |  |  |  |              |        |
| 146   | 710  | 246          | 355          | Filing a submission after final rejection (37 CFR 1.129(a))                |                 |                 |          |          |          |          |          |     |     |     |                    |                                     |        |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |              |     |        |     |        |   |              |     |              |     |                 |   |          |          |          |          |     |  |     |     |                        |     |     |   |     |     |                                   |     |     |  |     |     |                                       |     |     |   |     |     |   |     |     |                  |     |     |   |     |              |  |  |     |     |     |   |                          |  |              |       |                 |          |   |          |          |          |     |     |                                  |     |                    |       |     |     |                                    |     |                   |       |     |     |                                |     |                  |     |     |     |                  |     |                    |     |     |     |                 |    |                        |     |              |     |                               |  |     |     |              |     |   |  |                 |          |          |          |   |          |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |                           |  |  |  |  |  |                                    |  |  |  |              |        |
| 149   | 710  | 249          | 355          | For each additional invention to be examined (37 CFR 1.129(b))             |                 |                 |          |          |          |          |          |     |     |     |                    |                                     |        |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |              |     |        |     |        |   |              |     |              |     |                 |   |          |          |          |          |     |  |     |     |                        |     |     |   |     |     |                                   |     |     |  |     |     |                                       |     |     |   |     |     |   |     |     |                  |     |     |   |     |              |  |  |     |     |     |   |                          |  |              |       |                 |          |   |          |          |          |     |     |                                  |     |                    |       |     |     |                                    |     |                   |       |     |     |                                |     |                  |     |     |     |                  |     |                    |     |     |     |                 |    |                        |     |              |     |                               |  |     |     |              |     |   |  |                 |          |          |          |   |          |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |                           |  |  |  |  |  |                                    |  |  |  |              |        |
| 179   | 710  | 279          | 355          | Request for Continued Examination (RCE)                                    |                 |                 |          |          |          |          |          |     |     |     |                    |                                     |        |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |              |     |        |     |        |   |              |     |              |     |                 |   |          |          |          |          |     |  |     |     |                        |     |     |   |     |     |                                   |     |     |  |     |     |                                       |     |     |   |     |     |   |     |     |                  |     |     |   |     |              |  |  |     |     |     |   |                          |  |              |       |                 |          |   |          |          |          |     |     |                                  |     |                    |       |     |     |                                    |     |                   |       |     |     |                                |     |                  |     |     |     |                  |     |                    |     |     |     |                 |    |                        |     |              |     |                               |  |     |     |              |     |   |  |                 |          |          |          |   |          |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |                           |  |  |  |  |  |                                    |  |  |  |              |        |
| 169   | 900  | 169          | 900          | Request for expedited examination of a design application                  |                 |                 |          |          |          |          |          |     |     |     |                    |                                     |        |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |              |     |        |     |        |   |              |     |              |     |                 |   |          |          |          |          |     |  |     |     |                        |     |     |   |     |     |                                   |     |     |  |     |     |                                       |     |     |   |     |     |   |     |     |                  |     |     |   |     |              |  |  |     |     |     |   |                          |  |              |       |                 |          |   |          |          |          |     |     |                                  |     |                    |       |     |     |                                    |     |                   |       |     |     |                                |     |                  |     |     |     |                  |     |                    |     |     |     |                 |    |                        |     |              |     |                               |  |     |     |              |     |   |  |                 |          |          |          |   |          |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |                           |  |  |  |  |  |                                    |  |  |  |              |        |
| Other fee (specify) _____   |  |              |              |  |                 |                 |          |          |          |          |          |     |     |     |                    |                                     |        |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |              |     |        |     |        |   |              |     |              |     |                 |   |          |          |          |          |     |  |     |     |                        |     |     |   |     |     |                                   |     |     |  |     |     |                                       |     |     |   |     |     |   |     |     |                  |     |     |   |     |              |  |  |     |     |     |   |                          |  |              |       |                 |          |   |          |          |          |     |     |                                  |     |                    |       |     |     |                                    |     |                   |       |     |     |                                |     |                  |     |     |     |                  |     |                    |     |     |     |                 |    |                        |     |              |     |                               |  |     |     |              |     |   |  |                 |          |          |          |   |          |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |                           |  |  |  |  |  |                                    |  |  |  |              |        |
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| * Reduced by Basic Filing Fee Paid  |  |              |              | SUBTOTAL (3)   | 130.00          |                 |          |          |          |          |          |     |     |     |                    |                                     |        |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |              |     |        |     |        |   |              |     |              |     |                 |   |          |          |          |          |     |  |     |     |                        |     |     |   |     |     |                                   |     |     |  |     |     |                                       |     |     |   |     |     |   |     |     |                  |     |     |   |     |              |  |  |     |     |     |   |                          |  |              |       |                 |          |   |          |          |          |     |     |                                  |     |                    |       |     |     |                                    |     |                   |       |     |     |                                |     |                  |     |     |     |                  |     |                    |     |     |     |                 |    |                        |     |              |     |                               |  |     |     |              |     |   |  |                 |          |          |          |   |          |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |                           |  |  |  |  |  |                                    |  |  |  |              |        |
| <p>1. BASIC FILING FEE</p> <table border="1" style="width: 100%; border-collapse: collapse;"><thead><tr><th colspan="2">Large Entity</th><th colspan="2">Small Entity</th><th rowspan="2">Fee Description</th><th rowspan="2">Fee Paid</th></tr><tr><th>Fee Code</th><th>Fee (\$)</th><th>Fee Code</th><th>Fee (\$)</th></tr></thead><tbody><tr><td>101</td><td>710</td><td>201</td><td>355</td><td>Utility filing fee</td><td></td></tr><tr><td>106</td><td>320</td><td>206</td><td>160</td><td>Design filing fee</td><td></td></tr><tr><td>107</td><td>490</td><td>207</td><td>245</td><td>Plant filing fee</td><td></td></tr><tr><td>108</td><td>710</td><td>208</td><td>355</td><td>Reissue filing fee</td><td></td></tr><tr><td>114</td><td>150</td><td>214</td><td>75</td><td>Provisional filing fee</td><td></td></tr><tr><td colspan="4">SUBTOTAL (1)</td><td></td><td></td></tr></tbody></table> <p>2. EXTRA CLAIM FEES</p> <table border="1" style="width: 100%; border-collapse: collapse;"><thead><tr><th colspan="2">Large Entity</th><th colspan="2">Small Entity</th><th rowspan="2">Fee Description</th><th rowspan="2">Fee Paid</th></tr><tr><th>Fee Code</th><th>Fee (\$)</th><th>Fee Code</th><th>Fee (\$)</th></tr></thead><tbody><tr><td>103</td><td>18</td><td>203</td><td>9</td><td>Claims in excess of 20</td><td></td></tr><tr><td>102</td><td>80</td><td>202</td><td>40</td><td>Independent claims in excess of 3</td><td></td></tr><tr><td>104</td><td>260</td><td>204</td><td>135</td><td>Multiple Dependent claim, if not paid</td><td></td></tr><tr><td>109</td><td>80</td><td>209</td><td>40</td><td>**Reissue independent claims over original patent</td><td></td></tr><tr><td>110</td><td>18</td><td>210</td><td>9</td><td>**Reissue claims in excess of 20 and over original patent</td><td></td></tr><tr><td colspan="4">SUBTOTAL (2)</td><td></td><td></td></tr></tbody></table> | Large Entity   |              | Small Entity |  | Fee Description | Fee Paid        | Fee Code | Fee (\$) | Fee Code | Fee (\$) | 101      | 710 | 201 | 355 | Utility filing fee |                                     | 106    | 320 | 206 | 160 | Design filing fee |   | 107 | 490 | 207 | 245 | Plant filing fee |                           | 108 | 710 | 208   | 355 | Reissue filing fee |  | 114 | 150 | 214  | 75  | Provisional filing fee |  | SUBTOTAL (1) |     |        |     |        |   | Large Entity |     | Small Entity |     | Fee Description | Fee Paid                                  | Fee Code | Fee (\$) | Fee Code | Fee (\$) | 103 | 18   | 203 | 9   | Claims in excess of 20 |     | 102 | 80  | 202 | 40  | Independent claims in excess of 3 |     | 104 | 260  | 204 | 135 | Multiple Dependent claim, if not paid |     | 109 | 80  | 209 | 40  | **Reissue independent claims over original patent |     | 110 | 18               | 210 | 9   | **Reissue claims in excess of 20 and over original patent |     | SUBTOTAL (2) |  |  |     |     |     | <p>1. 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| Large Entity  |  | Small Entity |              | Fee Description  |                 |                 | Fee Paid |          |          |          |          |     |     |     |                    |                                     |        |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |              |     |        |     |        |   |              |     |              |     |                 |   |          |          |          |          |     |  |     |     |                        |     |     |   |     |     |                                   |     |     |  |     |     |                                       |     |     |   |     |     |   |     |     |                  |     |     |   |     |              |  |  |     |     |     |   |                          |  |              |       |                 |          |   |          |          |          |     |     |                                  |     |                    |       |     |     |                                    |     |                   |       |     |     |                                |     |                  |     |     |     |                  |     |                    |     |     |     |                 |    |                        |     |              |     |                               |  |     |     |              |     |   |  |                 |          |          |          |   |          |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |                           |  |  |  |  |  |                                    |  |  |  |              |        |
| Fee Code  | Fee (\$)   | Fee Code     | Fee (\$)     |  |                 |                 |          |          |          |          |          |     |     |     |                    |                                     |        |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |              |     |        |     |        |   |              |     |              |     |                 |   |          |          |          |          |     |  |     |     |                        |     |     |   |     |     |                                   |     |     |  |     |     |                                       |     |     |   |     |     |   |     |     |                  |     |     |   |     |              |  |  |     |     |     |   |                          |  |              |       |                 |          |   |          |          |          |     |     |                                  |     |                    |       |     |     |                                    |     |                   |       |     |     |                                |     |                  |     |     |     |                  |     |                    |     |     |     |                 |    |                        |     |              |     |                               |  |     |     |              |     |   |  |                 |          |          |          |   |          |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |                           |  |  |  |  |  |                                    |  |  |  |              |        |
| 101   | 710  | 201          | 355          | Utility filing fee   |                 |                 |          |          |          |          |          |     |     |     |                    |                                     |        |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |              |     |        |     |        |   |              |     |              |     |                 |   |          |          |          |          |     |  |     |     |                        |     |     |   |     |     |                                   |     |     |  |     |     |                                       |     |     |   |     |     |   |     |     |                  |     |     |   |     |              |  |  |     |     |     |   |                          |  |              |       |                 |          |   |          |          |          |     |     |                                  |     |                    |       |     |     |                                    |     |                   |       |     |     |                                |     |                  |     |     |     |                  |     |                    |     |     |     |                 |    |                        |     |              |     |                               |  |     |     |              |     |   |  |                 |          |          |          |   |          |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |                           |  |  |  |  |  |                                    |  |  |  |              |        |
| 106   | 320  | 206          | 160          | Design filing fee  |                 |                 |          |          |          |          |          |     |     |     |                    |                                     |        |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |              |     |        |     |        |   |              |     |              |     |                 |   |          |          |          |          |     |  |     |     |                        |     |     |   |     |     |                                   |     |     |  |     |     |                                       |     |     |   |     |     |   |     |     |                  |     |     |   |     |              |  |  |     |     |     |   |                          |  |              |       |                 |          |   |          |          |          |     |     |                                  |     |                    |       |     |     |                                    |     |                   |       |     |     |                                |     |                  |     |     |     |                  |     |                    |     |     |     |                 |    |                        |     |              |     |                               |  |     |     |              |     |   |  |                 |          |          |          |   |          |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |                           |  |  |  |  |  |                                    |  |  |  |              |        |
| 107   | 490  | 207          | 245          | Plant filing fee   |                 |                 |          |          |          |          |          |     |     |     |                    |                                     |        |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |              |     |        |     |        |   |              |     |              |     |                 |   |          |          |          |          |     |  |     |     |                        |     |     |   |     |     |                                   |     |     |  |     |     |                                       |     |     |   |     |     |   |     |     |                  |     |     |   |     |              |  |  |     |     |     |   |                          |  |              |       |                 |          |   |          |          |          |     |     |                                  |     |                    |       |     |     |                                    |     |                   |       |     |     |                                |     |                  |     |     |     |                  |     |                    |     |     |     |                 |    |                        |     |              |     |                               |  |     |     |              |     |   |  |                 |          |          |          |   |          |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |                           |  |  |  |  |  |                                    |  |  |  |              |        |
| 108   | 710  | 208          | 355          | Reissue filing fee   |                 |                 |          |          |          |          |          |     |     |     |                    |                                     |        |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |              |     |        |     |        |   |              |     |              |     |                 |   |          |          |          |          |     |  |     |     |                        |     |     |   |     |     |                                   |     |     |  |     |     |                                       |     |     |   |     |     |   |     |     |                  |     |     |   |     |              |  |  |     |     |     |   |                          |  |              |       |                 |          |   |          |          |          |     |     |                                  |     |                    |       |     |     |                                    |     |                   |       |     |     |                                |     |                  |     |     |     |                  |     |                    |     |     |     |                 |    |                        |     |              |     |                               |  |     |     |              |     |   |  |                 |          |          |          |   |          |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |                           |  |  |  |  |  |                                    |  |  |  |              |        |
| 114   | 150  | 214          | 75           | Provisional filing fee   |                 |                 |          |          |          |          |          |     |     |     |                    |                                     |        |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |              |     |        |     |        |   |              |     |              |     |                 |   |          |          |          |          |     |  |     |     |                        |     |     |   |     |     |                                   |     |     |  |     |     |                                       |     |     |   |     |     |   |     |     |                  |     |     |   |     |              |  |  |     |     |     |   |                          |  |              |       |                 |          |   |          |          |          |     |     |                                  |     |                    |       |     |     |                                    |     |                   |       |     |     |                                |     |                  |     |     |     |                  |     |                    |     |     |     |                 |    |                        |     |              |     |                               |  |     |     |              |     |   |  |                 |          |          |          |   |          |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |                           |  |  |  |  |  |                                    |  |  |  |              |        |
| SUBTOTAL (1)  |  |              |              |  |                 |                 |          |          |          |          |          |     |     |     |                    |                                     |        |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |              |     |        |     |        |   |              |     |              |     |                 |   |          |          |          |          |     |  |     |     |                        |     |     |   |     |     |                                   |     |     |  |     |     |                                       |     |     |   |     |     |   |     |     |                  |     |     |   |     |              |  |  |     |     |     |   |                          |  |              |       |                 |          |   |          |          |          |     |     |                                  |     |                    |       |     |     |                                    |     |                   |       |     |     |                                |     |                  |     |     |     |                  |     |                    |     |     |     |                 |    |                        |     |              |     |                               |  |     |     |              |     |   |  |                 |          |          |          |   |          |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |                           |  |  |  |  |  |                                    |  |  |  |              |        |
| Large Entity  |  | Small Entity |              | Fee Description  | Fee Paid        |                 |          |          |          |          |          |     |     |     |                    |                                     |        |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |              |     |        |     |        |   |              |     |              |     |                 |   |          |          |          |          |     |  |     |     |                        |     |     |   |     |     |                                   |     |     |  |     |     |                                       |     |     |   |     |     |   |     |     |                  |     |     |   |     |              |  |  |     |     |     |   |                          |  |              |       |                 |          |   |          |          |          |     |     |                                  |     |                    |       |     |     |                                    |     |                   |       |     |     |                                |     |                  |     |     |     |                  |     |                    |     |     |     |                 |    |                        |     |              |     |                               |  |     |     |              |     |   |  |                 |          |          |          |   |          |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |                           |  |  |  |  |  |                                    |  |  |  |              |        |
| Fee Code  | Fee (\$)   | Fee Code     | Fee (\$)     |  |                 |                 |          |          |          |          |          |     |     |     |                    |                                     |        |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |              |     |        |     |        |   |              |     |              |     |                 |   |          |          |          |          |     |  |     |     |                        |     |     |   |     |     |                                   |     |     |  |     |     |                                       |     |     |   |     |     |   |     |     |                  |     |     |   |     |              |  |  |     |     |     |   |                          |  |              |       |                 |          |   |          |          |          |     |     |                                  |     |                    |       |     |     |                                    |     |                   |       |     |     |                                |     |                  |     |     |     |                  |     |                    |     |     |     |                 |    |                        |     |              |     |                               |  |     |     |              |     |   |  |                 |          |          |          |   |          |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |                           |  |  |  |  |  |                                    |  |  |  |              |        |
| 103   | 18   | 203          | 9            | Claims in excess of 20   |                 |                 |          |          |          |          |          |     |     |     |                    |                                     |        |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |              |     |        |     |        |   |              |     |              |     |                 |   |          |          |          |          |     |  |     |     |                        |     |     |   |     |     |                                   |     |     |  |     |     |                                       |     |     |   |     |     |   |     |     |                  |     |     |   |     |              |  |  |     |     |     |   |                          |  |              |       |                 |          |   |          |          |          |     |     |                                  |     |                    |       |     |     |                                    |     |                   |       |     |     |                                |     |                  |     |     |     |                  |     |                    |     |     |     |                 |    |                        |     |              |     |                               |  |     |     |              |     |   |  |                 |          |          |          |   |          |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |                           |  |  |  |  |  |                                    |  |  |  |              |        |
| 102   | 80   | 202          | 40           | Independent claims in excess of 3  |                 |                 |          |          |          |          |          |     |     |     |                    |                                     |        |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |              |     |        |     |        |   |              |     |              |     |                 |   |          |          |          |          |     |  |     |     |                        |     |     |   |     |     |                                   |     |     |  |     |     |                                       |     |     |   |     |     |   |     |     |                  |     |     |   |     |              |  |  |     |     |     |   |                          |  |              |       |                 |          |   |          |          |          |     |     |                                  |     |                    |       |     |     |                                    |     |                   |       |     |     |                                |     |                  |     |     |     |                  |     |                    |     |     |     |                 |    |                        |     |              |     |                               |  |     |     |              |     |   |  |                 |          |          |          |   |          |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |                           |  |  |  |  |  |                                    |  |  |  |              |        |
| 104   | 260  | 204          | 135          | Multiple Dependent claim, if not paid                                      |                 |                 |          |          |          |          |          |     |     |     |                    |                                     |        |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |              |     |        |     |        |   |              |     |              |     |                 |   |          |          |          |          |     |  |     |     |                        |     |     |   |     |     |                                   |     |     |  |     |     |                                       |     |     |   |     |     |   |     |     |                  |     |     |   |     |              |  |  |     |     |     |   |                          |  |              |       |                 |          |   |          |          |          |     |     |                                  |     |                    |       |     |     |                                    |     |                   |       |     |     |                                |     |                  |     |     |     |                  |     |                    |     |     |     |                 |    |                        |     |              |     |                               |  |     |     |              |     |   |  |                 |          |          |          |   |          |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |                           |  |  |  |  |  |                                    |  |  |  |              |        |
| 109   | 80   | 209          | 40           | **Reissue independent claims over original patent                          |                 |                 |          |          |          |          |          |     |     |     |                    |                                     |        |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |              |     |        |     |        |   |              |     |              |     |                 |   |          |          |          |          |     |  |     |     |                        |     |     |   |     |     |                                   |     |     |  |     |     |                                       |     |     |   |     |     |   |     |     |                  |     |     |   |     |              |  |  |     |     |     |   |                          |  |              |       |                 |          |   |          |          |          |     |     |                                  |     |                    |       |     |     |                                    |     |                   |       |     |     |                                |     |                  |     |     |     |                  |     |                    |     |     |     |                 |    |                        |     |              |     |                               |  |     |     |              |     |   |  |                 |          |          |          |   |          |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |                           |  |  |  |  |  |                                    |  |  |  |              |        |
| 110   | 18   | 210          | 9            | **Reissue claims in excess of 20 and over original patent                  |                 |                 |          |          |          |          |          |     |     |     |                    |                                     |        |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |              |     |        |     |        |   |              |     |              |     |                 |   |          |          |          |          |     |  |     |     |                        |     |     |   |     |     |                                   |     |     |  |     |     |                                       |     |     |   |     |     |   |     |     |                  |     |     |   |     |              |  |  |     |     |     |   |                          |  |              |       |                 |          |   |          |          |          |     |     |                                  |     |                    |       |     |     |                                    |     |                   |       |     |     |                                |     |                  |     |     |     |                  |     |                    |     |     |     |                 |    |                        |     |              |     |                               |  |     |     |              |     |   |  |                 |          |          |          |   |          |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |                           |  |  |  |  |  |                                    |  |  |  |              |        |
| SUBTOTAL (2)  |  |              |              |  |                 |                 |          |          |          |          |          |     |     |     |                    |                                     |        |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |              |     |        |     |        |   |              |     |              |     |                 |   |          |          |          |          |     |  |     |     |                        |     |     |   |     |     |                                   |     |     |  |     |     |                                       |     |     |   |     |     |   |     |     |                  |     |     |   |     |              |  |  |     |     |     |   |                          |  |              |       |                 |          |   |          |          |          |     |     |                                  |     |                    |       |     |     |                                    |     |                   |       |     |     |                                |     |                  |     |     |     |                  |     |                    |     |     |     |                 |    |                        |     |              |     |                               |  |     |     |              |     |   |  |                 |          |          |          |   |          |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |                           |  |  |  |  |  |                                    |  |  |  |              |        |
| Large Entity  |  | Small Entity |              | Fee Description  | Fee Paid        |                 |          |          |          |          |          |     |     |     |                    |                                     |        |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |              |     |        |     |        |   |              |     |              |     |                 |   |          |          |          |          |     |  |     |     |                        |     |     |   |     |     |                                   |     |     |  |     |     |                                       |     |     |   |     |     |   |     |     |                  |     |     |   |     |              |  |  |     |     |     |   |                          |  |              |       |                 |          |   |          |          |          |     |     |                                  |     |                    |       |     |     |                                    |     |                   |       |     |     |                                |     |                  |     |     |     |                  |     |                    |     |     |     |                 |    |                        |     |              |     |                               |  |     |     |              |     |   |  |                 |          |          |          |   |          |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |                           |  |  |  |  |  |                                    |  |  |  |              |        |
| Fee Code  | Fee (\$)   | Fee Code     | Fee (\$)     |  |                 |                 |          |          |          |          |          |     |     |     |                    |                                     |        |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |              |     |        |     |        |   |              |     |              |     |                 |   |          |          |          |          |     |  |     |     |                        |     |     |   |     |     |                                   |     |     |  |     |     |                                       |     |     |   |     |     |   |     |     |                  |     |     |   |     |              |  |  |     |     |     |   |                          |  |              |       |                 |          |   |          |          |          |     |     |                                  |     |                    |       |     |     |                                    |     |                   |       |     |     |                                |     |                  |     |     |     |                  |     |                    |     |     |     |                 |    |                        |     |              |     |                               |  |     |     |              |     |   |  |                 |          |          |          |   |          |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |                           |  |  |  |  |  |                                    |  |  |  |              |        |
| 101   | 710  | 201          | 355          | Utility filing fee   |                 |                 |          |          |          |          |          |     |     |     |                    |                                     |        |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |              |     |        |     |        |   |              |     |              |     |                 |   |          |          |          |          |     |  |     |     |                        |     |     |   |     |     |                                   |     |     |  |     |     |                                       |     |     |   |     |     |   |     |     |                  |     |     |   |     |              |  |  |     |     |     |   |                          |  |              |       |                 |          |   |          |          |          |     |     |                                  |     |                    |       |     |     |                                    |     |                   |       |     |     |                                |     |                  |     |     |     |                  |     |                    |     |     |     |                 |    |                        |     |              |     |                               |  |     |     |              |     |   |  |                 |          |          |          |   |          |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |                           |  |  |  |  |  |                                    |  |  |  |              |        |
| 106   | 320  | 206          | 160          | Design filing fee  |                 |                 |          |          |          |          |          |     |     |     |                    |                                     |        |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |              |     |        |     |        |   |              |     |              |     |                 |   |          |          |          |          |     |  |     |     |                        |     |     |   |     |     |                                   |     |     |  |     |     |                                       |     |     |   |     |     |   |     |     |                  |     |     |   |     |              |  |  |     |     |     |   |                          |  |              |       |                 |          |   |          |          |          |     |     |                                  |     |                    |       |     |     |                                    |     |                   |       |     |     |                                |     |                  |     |     |     |                  |     |                    |     |     |     |                 |    |                        |     |              |     |                               |  |     |     |              |     |   |  |                 |          |          |          |   |          |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |                           |  |  |  |  |  |                                    |  |  |  |              |        |
| 107   | 490  | 207          | 245          | Plant filing fee   |                 |                 |          |          |          |          |          |     |     |     |                    |                                     |        |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |              |     |        |     |        |   |              |     |              |     |                 |   |          |          |          |          |     |  |     |     |                        |     |     |   |     |     |                                   |     |     |  |     |     |                                       |     |     |   |     |     |   |     |     |                  |     |     |   |     |              |  |  |     |     |     |   |                          |  |              |       |                 |          |   |          |          |          |     |     |                                  |     |                    |       |     |     |                                    |     |                   |       |     |     |                                |     |                  |     |     |     |                  |     |                    |     |     |     |                 |    |                        |     |              |     |                               |  |     |     |              |     |   |  |                 |          |          |          |   |          |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |                           |  |  |  |  |  |                                    |  |  |  |              |        |
| 108   | 710  | 208          | 355          | Reissue filing fee   |                 |                 |          |          |          |          |          |     |     |     |                    |                                     |        |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |              |     |        |     |        |   |              |     |              |     |                 |   |          |          |          |          |     |  |     |     |                        |     |     |   |     |     |                                   |     |     |  |     |     |                                       |     |     |   |     |     |   |     |     |                  |     |     |   |     |              |  |  |     |     |     |   |                          |  |              |       |                 |          |   |          |          |          |     |     |                                  |     |                    |       |     |     |                                    |     |                   |       |     |     |                                |     |                  |     |     |     |                  |     |                    |     |     |     |                 |    |                        |     |              |     |                               |  |     |     |              |     |   |  |                 |          |          |          |   |          |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |                           |  |  |  |  |  |                                    |  |  |  |              |        |
| 114   | 150  | 214          | 75           | Provisional filing fee   |                 |                 |          |          |          |          |          |     |     |     |                    |                                     |        |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |              |     |        |     |        |   |              |     |              |     |                 |   |          |          |          |          |     |  |     |     |                        |     |     |   |     |     |                                   |     |     |  |     |     |                                       |     |     |   |     |     |   |     |     |                  |     |     |   |     |              |  |  |     |     |     |   |                          |  |              |       |                 |          |   |          |          |          |     |     |                                  |     |                    |       |     |     |                                    |     |                   |       |     |     |                                |     |                  |     |     |     |                  |     |                    |     |     |     |                 |    |                        |     |              |     |                               |  |     |     |              |     |   |  |                 |          |          |          |   |          |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |                           |  |  |  |  |  |                                    |  |  |  |              |        |
| SUBTOTAL (1)  |  |              |              |  |                 |                 |          |          |          |          |          |     |     |     |                    |                                     |        |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |              |     |        |     |        |   |              |     |              |     |                 |   |          |          |          |          |     |  |     |     |                        |     |     |   |     |     |                                   |     |     |  |     |     |                                       |     |     |   |     |     |   |     |     |                  |     |     |   |     |              |  |  |     |     |     |   |                          |  |              |       |                 |          |   |          |          |          |     |     |                                  |     |                    |       |     |     |                                    |     |                   |       |     |     |                                |     |                  |     |     |     |                  |     |                    |     |     |     |                 |    |                        |     |              |     |                               |  |     |     |              |     |   |  |                 |          |          |          |   |          |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |                           |  |  |  |  |  |                                    |  |  |  |              |        |
| Large Entity  |  | Small Entity |              | Fee Description  | Fee Paid        |                 |          |          |          |          |          |     |     |     |                    |                                     |        |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |              |     |        |     |        |   |              |     |              |     |                 |   |          |          |          |          |     |  |     |     |                        |     |     |   |     |     |                                   |     |     |  |     |     |                                       |     |     |   |     |     |   |     |     |                  |     |     |   |     |              |  |  |     |     |     |   |                          |  |              |       |                 |          |   |          |          |          |     |     |                                  |     |                    |       |     |     |                                    |     |                   |       |     |     |                                |     |                  |     |     |     |                  |     |                    |     |     |     |                 |    |                        |     |              |     |                               |  |     |     |              |     |   |  |                 |          |          |          |   |          |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |                           |  |  |  |  |  |                                    |  |  |  |              |        |
| Fee Code  | Fee (\$)   | Fee Code     | Fee (\$)     |  |                 |                 |          |          |          |          |          |     |     |     |                    |                                     |        |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |              |     |        |     |        |   |              |     |              |     |                 |   |          |          |          |          |     |  |     |     |                        |     |     |   |     |     |                                   |     |     |  |     |     |                                       |     |     |   |     |     |   |     |     |                  |     |     |   |     |              |  |  |     |     |     |   |                          |  |              |       |                 |          |   |          |          |          |     |     |                                  |     |                    |       |     |     |                                    |     |                   |       |     |     |                                |     |                  |     |     |     |                  |     |                    |     |     |     |                 |    |                        |     |              |     |                               |  |     |     |              |     |   |  |                 |          |          |          |   |          |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |                           |  |  |  |  |  |                                    |  |  |  |              |        |
| 103   | 18   | 203          | 9            | Claims in excess of 20   |                 |                 |          |          |          |          |          |     |     |     |                    |                                     |        |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |              |     |        |     |        |   |              |     |              |     |                 |   |          |          |          |          |     |  |     |     |                        |     |     |   |     |     |                                   |     |     |  |     |     |                                       |     |     |   |     |     |   |     |     |                  |     |     |   |     |              |  |  |     |     |     |   |                          |  |              |       |                 |          |   |          |          |          |     |     |                                  |     |                    |       |     |     |                                    |     |                   |       |     |     |                                |     |                  |     |     |     |                  |     |                    |     |     |     |                 |    |                        |     |              |     |                               |  |     |     |              |     |   |  |                 |          |          |          |   |          |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |                           |  |  |  |  |  |                                    |  |  |  |              |        |
| 102   | 80   | 202          | 40           | Independent claims in excess of 3  |                 |                 |          |          |          |          |          |     |     |     |                    |                                     |        |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |              |     |        |     |        |   |              |     |              |     |                 |   |          |          |          |          |     |  |     |     |                        |     |     |   |     |     |                                   |     |     |  |     |     |                                       |     |     |   |     |     |   |     |     |                  |     |     |   |     |              |  |  |     |     |     |   |                          |  |              |       |                 |          |   |          |          |          |     |     |                                  |     |                    |       |     |     |                                    |     |                   |       |     |     |                                |     |                  |     |     |     |                  |     |                    |     |     |     |                 |    |                        |     |              |     |                               |  |     |     |              |     |   |  |                 |          |          |          |   |          |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |                           |  |  |  |  |  |                                    |  |  |  |              |        |
| 104   | 260  | 204          | 135          | Multiple Dependent claim, if not paid                                      |                 |                 |          |          |          |          |          |     |     |     |                    |                                     |        |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |              |     |        |     |        |   |              |     |              |     |                 |   |          |          |          |          |     |  |     |     |                        |     |     |   |     |     |                                   |     |     |  |     |     |                                       |     |     |   |     |     |   |     |     |                  |     |     |   |     |              |  |  |     |     |     |   |                          |  |              |       |                 |          |   |          |          |          |     |     |                                  |     |                    |       |     |     |                                    |     |                   |       |     |     |                                |     |                  |     |     |     |                  |     |                    |     |     |     |                 |    |                        |     |              |     |                               |  |     |     |              |     |   |  |                 |          |          |          |   |          |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |                           |  |  |  |  |  |                                    |  |  |  |              |        |
| 109   | 80   | 209          | 40           | **Reissue independent claims over original patent                          |                 |                 |          |          |          |          |          |     |     |     |                    |                                     |        |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |              |     |        |     |        |   |              |     |              |     |                 |   |          |          |          |          |     |  |     |     |                        |     |     |   |     |     |                                   |     |     |  |     |     |                                       |     |     |   |     |     |   |     |     |                  |     |     |   |     |              |  |  |     |     |     |   |                          |  |              |       |                 |          |   |          |          |          |     |     |                                  |     |                    |       |     |     |                                    |     |                   |       |     |     |                                |     |                  |     |     |     |                  |     |                    |     |     |     |                 |    |                        |     |              |     |                               |  |     |     |              |     |   |  |                 |          |          |          |   |          |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |                           |  |  |  |  |  |                                    |  |  |  |              |        |
| 110   | 18   | 210          | 9            | **Reissue claims in excess of 20 and over original patent                  |                 |                 |          |          |          |          |          |     |     |     |                    |                                     |        |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |              |     |        |     |        |   |              |     |              |     |                 |   |          |          |          |          |     |  |     |     |                        |     |     |   |     |     |                                   |     |     |  |     |     |                                       |     |     |   |     |     |   |     |     |                  |     |     |   |     |              |  |  |     |     |     |   |                          |  |              |       |                 |          |   |          |          |          |     |     |                                  |     |                    |       |     |     |                                    |     |                   |       |     |     |                                |     |                  |     |     |     |                  |     |                    |     |     |     |                 |    |                        |     |              |     |                               |  |     |     |              |     |   |  |                 |          |          |          |   |          |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |                           |  |  |  |  |  |                                    |  |  |  |              |        |
| SUBTOTAL (2)  |  |              |              |  |                 |                 |          |          |          |          |          |     |     |     |                    |                                     |        |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |              |     |        |     |        |   |              |     |              |     |                 |   |          |          |          |          |     |  |     |     |                        |     |     |   |     |     |                                   |     |     |  |     |     |                                       |     |     |   |     |     |   |     |     |                  |     |     |   |     |              |  |  |     |     |     |   |                          |  |              |       |                 |          |   |          |          |          |     |     |                                  |     |                    |       |     |     |                                    |     |                   |       |     |     |                                |     |                  |     |     |     |                  |     |                    |     |     |     |                 |    |                        |     |              |     |                               |  |     |     |              |     |   |  |                 |          |          |          |   |          |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                           |  |  |  |  |  |                           |  |  |  |  |  |                                    |  |  |  |              |        |

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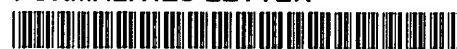
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FILED UNDER 37 CFR 1.53(b)

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An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
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